

JAS Fest - SDA

August 3, 2004

- Experience
 - Saul Lipton
 - Paul Derwent
 - Tim Bolshakov
- What Next?

Experience

- Saul
 - Ituples and plots to study CDF/D0 luminosity ratios
 - Make some standard plots for the shots scrapbook
- Paul D.
 - Supertable as Ituple, other plots
- Tim
 - Automated JAS version of Supertable

The Future

- Concerns
 - Support in the future for JAS
 - Performance
 - Speed
 - Size of Ituples
- Two kinds of users:
 - SDA programmers – small community
 - Real advantage – no intermediate files
 - SDA users
 - Features and “Teachability”
 - Viable alternative to EXCEL?
 - What ituples will be useful?

The Future - II

- Emittance ituple
 - Store
 - Case
 - set
 - Bunch
 - Particle type
 - Longitudinal emittances (p , $pbar$)
 - Transverse emittances (2 each p , $pbar$)
- 75,000 numbers per store – very crude estimate